

## Flavonoid synthesis

EC #	Enzyme name	ExPASy	BRENDA
4.3.1.5	Phenylalanine ammonia lyase	4.3.1.5	4.3.1.5
1.14.13.11	Cinnamate 4-hydroxylase	1.14.13.11	1.14.13.11
6.2.1.12	4-Coumarate CoA-ligase	6.2.1.12	6.2.1.12
2.3.1.74	Chalcone synthase	2.3.1.74	2.3.1.74
5.5.1.6	Chalcone isomerase	5.5.1.6	5.5.1.6
1.1.1.219	Dihydroflavonol 4-reductase	1.1.1.219	1.1.1.219
2.4.1.91	Flavonol 3-O-glucosyltransferase	2.4.1.91	2.4.1.91
1.14.13.21	Flavonoid 3'-hydroxylase	1.14.13.21	1.14.13.21
1.14.11.9	Flavanone 3-hydroxylase	1.14.11.9	1.14.11.9
2.3.1.153	Anthocyanin 5-acyltransferase	2.3.1.153	2.3.1.153
2.4.1.115	Anthocyanidin 3-O-glucosyltransferase	2.4.1.115	2.4.1.115
2.1.1.76	Flavonol 3-O-methyltransferase	2.1.1.76	2.1.1.76
2.3.1.116	Flavonol 3-O-beta-glucoside O-malonyltransferases	2.3.1.116	2.3.1.116
2.4.1.159	Flavonol 3-O-glucoside rhamnosyltransferase	2.4.1.159	2.4.1.159
2.1.1.82	Flavonol 7-O-methyltransferase	2.1.1.82	2.1.1.82
2.1.1.83	Flavonol 4'-O-methyltransferase	2.1.1.83	2.1.1.83
2.1.1.84	Flavonol 6-O-methyltransferase	2.1.1.84	2.1.1.84
2.1.1.88	Flavonol 8-O-methyltransferase	2.1.1.88	2.1.1.88
2.3.1.115	Flavone/flavonol 7-O-beta-D-glucoside malonyltransferase	2.3.1.115	2.3.1.115

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Last Update: 09/09/2000

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